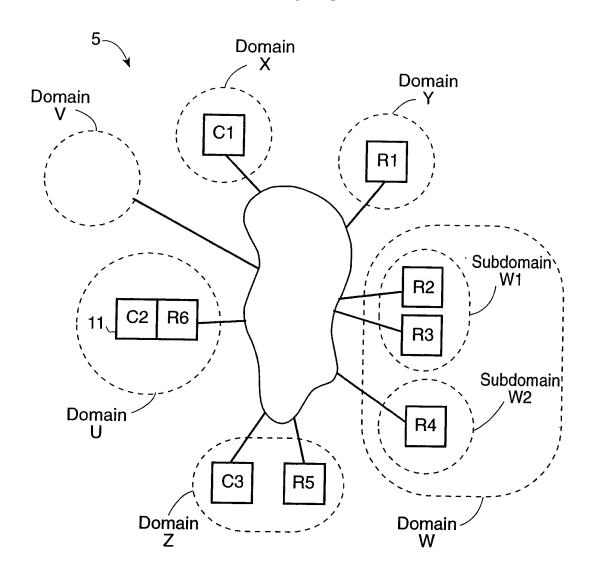
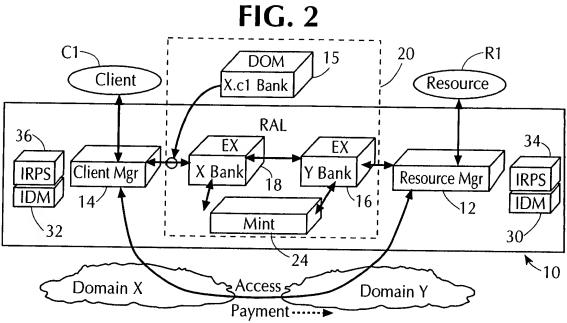
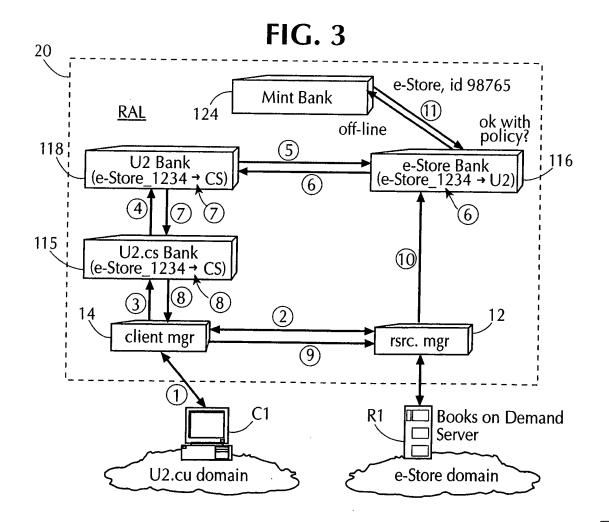


FIG. 1











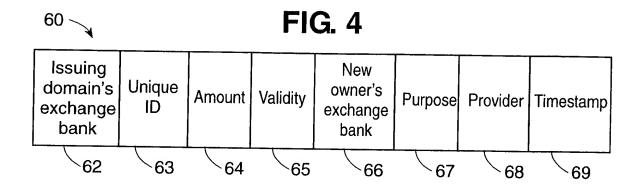
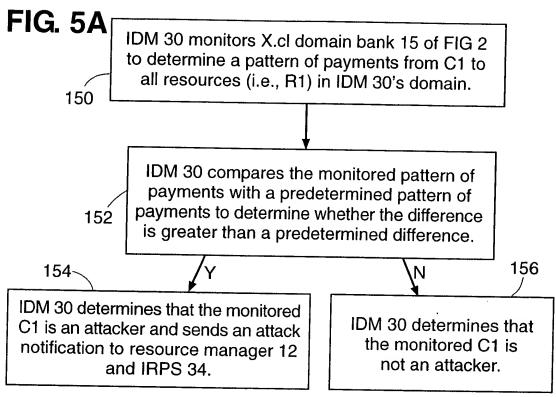


FIG. 6 455 454 CS 2,000 U2.Bank Math | 5,000 476 475 471 474 X 1,000 2,000 X 5,000 Ζ math.bank cs.bank 1,000 1,000 472-1st Audit 2nd Audit (z)(X)





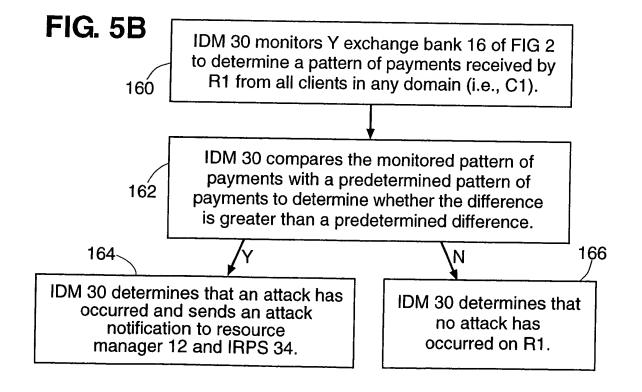
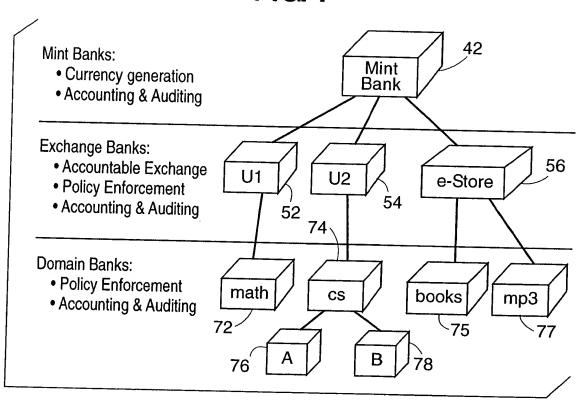




FIG. 7



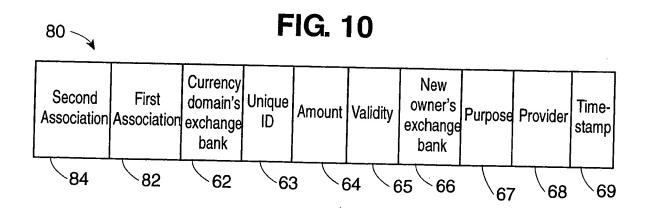
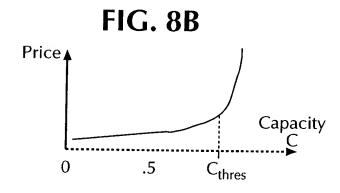




FIG. 8A

Price



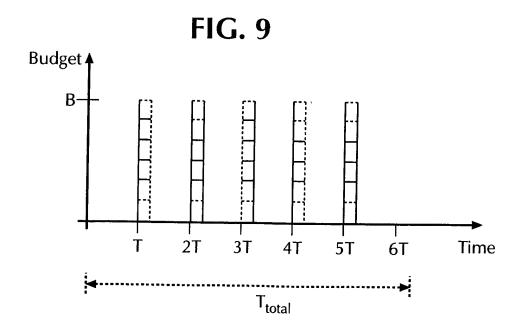




FIG. 11 142 Mint Bank (e-store, id 9876) (11) off-line U2 ↔ e-store.mp3 (U2 ↔ e-store) 154 ok with policy? $(3)(U2 \leftrightarrow e\text{-store.mp3})$ U₂ e-Store e-store.mp3 1234 → U2 e-store.mp3 1234 → CS off-line (6) (e-store.mp3) **(5)** 156 ②(U2.cs ↔ e-store.mp3) (e-store. mp3) (4) (U2 ↔ e-store.cd) (U2 ↔ e-store) (7) (e-store.mp3) cs e-store.mp3 1234 → A mp3 e-store.mp3 1234 → U2 (8) (e-store.mp3) 174 (10) (e-store.mp3) U2 ↔ e-store.mp3 ok with policy? (1)(U2.cs \leftrightarrow e-store.mp3) (e-store.mp3) U2.cs domain e-Store.mp3 domain

FIG. 12

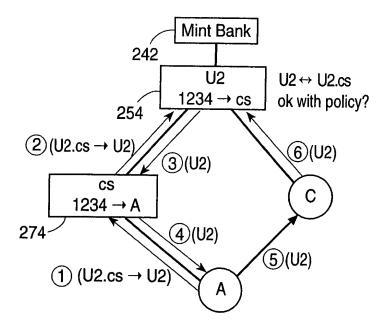
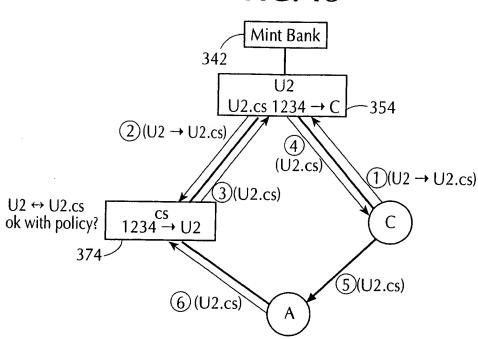




FIG. 13



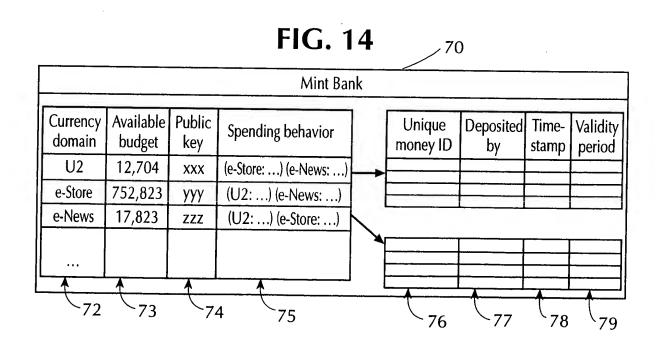




FIG. 15

